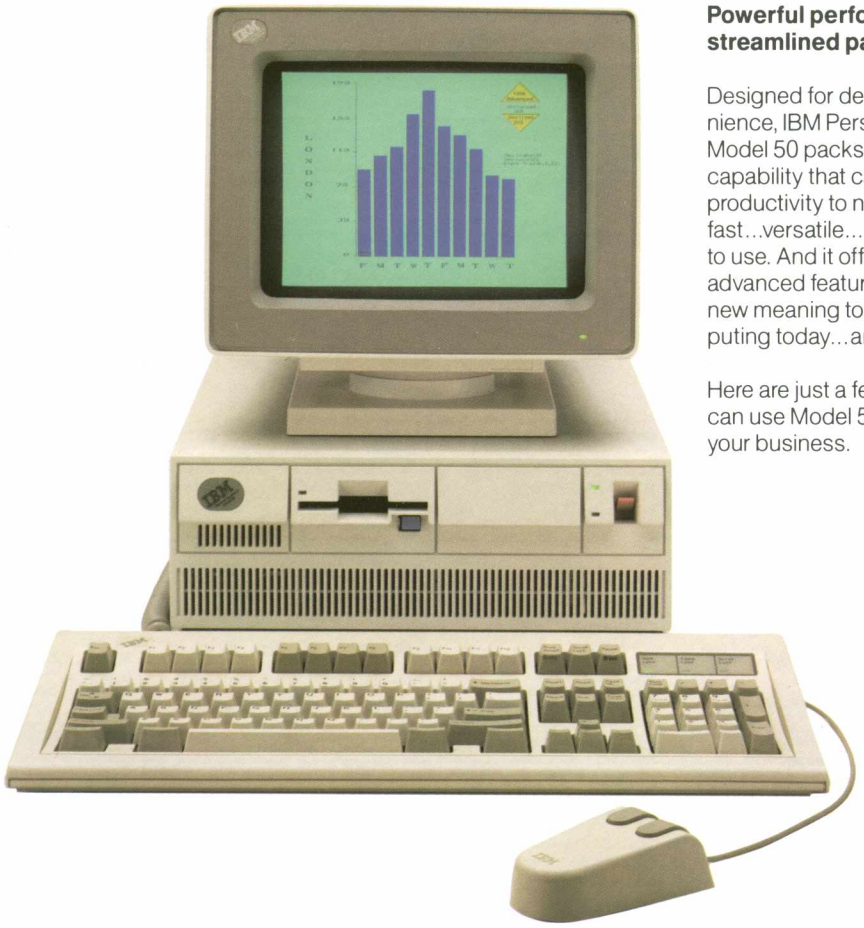
The next generation in personal computing

IBM Personal System/2 Model 50



Powerful performance in a streamlined package

Designed for desktop convenience, IBM Personal System/2™ Model 50 packs computing capability that can help raise productivity to new heights. It's fast...versatile...reliable...easy to use. And it offers a wealth of advanced features that can give new meaning to personal computing today...and tomorrow.

Here are just a few ways you can use Model 50 to benefit your business.

Do more...and more. As a stand-alone unit or connected in a network, Model 50 has all the right features to help users work fast and efficiently. Its 20MB fixed disk offers convenient storage to keep files and applications close at hand. And its 80286 microprocessor and full megabyte of user memory provide speed and workspace to handle large tasks in small amounts of time.

With the availability of the new IBM Operating System/2,™ Model 50 will support more than one application at a time. A user could, for example, work with an advanced word processing program and carry out a data base search simultaneously.

Get the best view of all you do. Anyone working with Model 50 will have excellent color and graphics capabilities at their command. Business graphics and crisp text in both color and monochrome are just the beginning with this model. Even digitized photos can be displayed in brilliant color and high detail.

Highlights

As part of the IBM Personal System/2 family, Model 50 is designed to meet your immediate business needs and your long-term business plans. It's computing technology you can build on—a smart solution for these fast-changing times.

New Micro Channel™ architecture makes Model 50 a smart business investment. It accounts for this system's balanced performance—when supporting a wide variety of applications—and provides a platform for expansion and growth as well.

80286 microprocessor delivers high-speed performance to help you process volumes of information quickly. For even greater calculation speed, an optional IBM 80287 Math Co-Processor can be installed.

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1MB user memory—expandable to 7MB with memory expansion options—gives you plenty of room to work with lengthy programs.

20MB fixed disk provides ready-access storage for more than 10,000 pages[1] of information.

1.44MB diskette drive lets you easily load files and programs stored on the *3.5-inch diskettes* used with Model 50. Compact and durable, each high-density diskette can hold as many as 720 pages[1] of information.

Integrated functions give you significant capability from the start. Model 50 comes ready with advanced color and graphics capabilities—plus built-in support for your display, printer, keyboard, even for a modem and mouse. All these features are packed into just a few components—making Model 50 both streamlined and reliable.

Built-in Video Graphics Array (VGA) capabilities provide videolike clarity for business graphics, text, even digitized photos. These advanced capabilities result in a screen image that's brilliant and natural looking. VGA also supports CGA, EGA and MCGA graphics and text.

A palette of over 256,000 colors plus 64 shades of gray is built in to add interest and impact to your reports and presentations. Up to 256 colors can be viewed at a time—and colors automatically convert to up to 64 shades of gray on a monochrome display.

Three expansion slots let you customize Model 50 as your business grows.

Switchless setup means all you do is connect your system and begin. Convenient ports and plugs keep things simple.

Four superior analog displays offer you a choice of price and function. Whether you need crisp text or vivid, detailed color graphics, you'll find the right display to suit your work and your budget.

Wide range of communications options makes Model 50 right for use within a number of networks and larger system environments.

What you get

IBM Personal System/2 Model 50 is packaged in two cartons, one containing the system unit. The other contains:

- One-page customer setup sheet
- System unit power cord
- Keyboard and cable
- Quick Reference manual
- System Reference diskette with tutorial
- Technical Directory

Options

Model 50 supports a wide array of optional devices—including many of the peripherals currently available for IBM Personal Computers. What follows is a listing of some of the new options available for Model 50:

- IBM Personal System/2 80287 Math Co-Processor (10 MHz)
- IBM 80286 Memory Expansion Option
- IBM 80286 Memory Expansion Kit
- IBM Personal System/2 Mouse
- IBM Personal System/2 5.25" External Diskette Drive
- IBM Personal System/2 Data Migration Facility
- IBM 6157 Streaming Tape Drive
- IBM 3363 Optical Disk Drive
- IBM 300/1200 Internal Modem/A
- IBM Dual Async Adapter/A
- IBM Multi-Protocol Adapter/A
- IBM 3270 Connection
- System 36/38 Workstation Emulation Adapter
- IBM Token-Ring Network Adapter/A
- IBM PC Network Adapter II/A
- IBM PC Network Baseband Adapter/A
- IBM Personal System/2 3117 Adapter/A
- IBM Personal System/2 High Speed Adapter/A

Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on Model 50 to perform smoothly year after year.

Model 50 is backed by a one-year limited warranty. And extended service terms are available from IBM and from IBM Authorized Advanced Products Dealers.

With an IBM Maintenance Agreement, you can arrange for on-site service.

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[1] 8½ x 11-inch, double-spaced typewritten pages.

IBM Personal System/2 Model 50 at a glance

Microprocessor	80286, 10 MHz Optional: IBM 80287 Math Co-Processor (10 MHz)
Permanent memory (ROM)	128KB standard
Memory (RAM)	1MB standard, expandable to 7MB with memory expansion options
Integrated functions	Video Graphics Array (VGA) and display port, serial port, parallel port, pointing device port, keyboard port and diskette controller
Text/graphics support	VGA supports existing color graphics modes and provides up to 256 colors (from a palette of over 256,000) and 64 shades of gray (monochrome)
New display modes	320 x 200 pels x 256 colors—all points addressable 640 x 480 pels x 16 colors—all points addressable 9 x 16 character box—16 colors (text)
Dimensions	approx. 5.5" H x 14" W x 16" D (140mm x 360mm x 420mm)
Auxiliary storage	Standard: one 1.44MB 3.5-inch diskette drive and a 20MB fixed disk Optional: either a second 1.44MB diskette drive or 5.25" External Diskette Drive; 3363 Optical Disk Drive, 6157 Streaming Tape Drive
System expansion	Three available expansion slots
Keyboard	101 keys, including 12 function keys, 3 lighted mode indicators; 6-foot coiled cable
Power supply	94-watt worldwide autosensing power supply
Operating systems	IBM PC DOS 3.30, IBM Operating System/2
Supported displays	IBM Personal System/2 Color Displays 8512, 8513 and 8514; IBM Personal System/2 Monochrome Display 8503
Supported printers	IBM Proprinter™ family, IBM Quietwriter® printers, IBM Wheelprinters, IBM Pageprinter, IBM Color Jetprinter
Communications support	IBM Token-Ring Network Adapter/A, IBM PC Network Adapter II/A, IBM PC Network Baseband Adapter/A, IBM 3270 Connection, System 36/38 Workstation Emulation Adapter, IBM Dual Async Adapter/A, IBM Multi-Protocol Adapter/A, IBM 300/1200 Internal Modem/A

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